BOOK

ions Breadth 5	Depth 6	7	Reference to last Measurement 8
	IT - 20053 -		
	KST - 80213 -		
	FDR - 120319 -		
	WT - 20053 -		
	IBF - 2005 -		
	Rem - 1910 -		
	FM - 1000		
	262348 = 00		

First & Final Bill

SBR - 179/13-14.
DTE 31/10/13

M.A.R. 57 (Rule 116)
Measurement Book

BR - 285
No. A/11 31 10 13 189880

Serial No.....

Name of work..... Improvements to cross Roads at Muneshwara, Hanuman Layout Byrappa Garden and 4th Block near To RR School in ward No-10 Doddabommasandra.

Name of Contractor of nature of Agency..... K.R.I.D.L.

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work Code No:					010 - 13 - 000004	
	Work order No:					EE/BBMP/BTP/KRIDL/W10/347/2012 - 13. Date 28/02/2013.	
	Head of Account:					P - ~~4700~~ 2201	
	Address of Agency:					Technical Manager (west), KRIDL. BBMP, Bangalore -	
	AS No: 908/12-13 dtd - 5/2/13. TS No: 84/12-13 dtd - 6/2/13						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement Recorded on 10/09/2013						
①	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5mt excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications.						
	Desilting of Drains						
	1st Main Road	2	30.00	0.45	0.45 =	12.15 Cum	
	Hanuman Layout	2	30.00	0.45	0.30 =	8.10 Cum	
		2	30.00	0.45	0.45 =	12.15 Cum	
		2	25.00	0.45	0.40 =	9.00 Cum	
	2nd Main Road	2	30.00	0.45	0.35 =	9.45 Cum	
		2	30.00	0.45	0.40 =	10.80 Cum	
		2	30.00	0.45	0.30 =	8.10 Cum	
		2	20.00	0.45	0.45 =	8.10 Cum	

Serial No.....

Name of work.....

Name of Contractor of nature of Agency...

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	
	3rd Main Road	2
		2
		2
		2
		2
	3rd Main 1st Cross	2
		2
	3rd Main 2nd Cross	2
		2
	3rd Main 3rd Cross	2
		2

OOK

s		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
e(3			
ul means in ordinary soil			
tal throw upto 2 meters			
nt excavated surface leveled			
isposed earth to be leveled			
etc complete as per			
.us	0.45 =	12.15 Cum	
.us	0.30 =	8.10 Cum	
.us	0.45 =	12.15 Cum	
.us	0.40 =	9.00 Cum	
.us	0.35 =	9.45 Cum	
.us	0.40 =	10.80 Cum	
.us	0.30 =	8.10 Cum	
0.45	0.45 =	8.10 Cum	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 189881

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	3rd Main Road	2	30.00	0.45	0.35 =	9.45 Cum	
		2	30.00	0.45	0.45 =	12.15 Cum	
		2	30.00	0.45	0.30 =	8.10 Cum	
		2	30.00	0.45	0.45 =	12.15 Cum	
		2	10.00	0.45	0.40 =	3.60 Cum	
	3rd Main 1st cross	2	30.00	0.45	0.45 =	12.15 Cum	
		2	35.00	0.45	0.45 =	[illegible]	
	3rd Main 2nd cross	2	30.00	0.45	0.40 =	10.80 Cum	
		2	35.00	0.45	0.35 =	11.03 Cum	
	3rd Main 3rd cross	2	30.00	0.45	0.40 =	10.80 Cum	
		2	35.00	0.45	0.35 =	11.03 Cum	

Cft

[illegible] ಅಧಿಯಂತ
ವಿದ್ಯುತ್ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ.
ಬೆಂಗಳೂರು-9

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road 1	2	30.00	0.45	0.45 =	12.15 Cum	
		2	15.00	0.45	0.30 =	4.05 Cum	
	Cross Road 2	2	20.00	0.45	0.45 =	8.10 Cum	
		2	30.00	0.45	0.35 =	9.45 Cum	
	Cross Road	2	20.00	0.45	0.35 =	8.30 Cum	
	Beam Cutting						CR
	1st Main Road	2	30.00	1.20	0.25 =	18.00 Cum	2
	Hanuman Layout	2	30.00	1.35	0.35 =	28.35 Cum	
		2	30.00	1.25	0.20 =	15.00 Cum	
		2	25.00	1.20	0.25 =	15.00 Cum	
	2nd Main Road	2	30.00	1.35	0.35 =	28.35 Cum	
		2	30.00	1.20	0.25 =	18.00 Cum	
		2	30.00	1.25	0.30 =	22.50 Cum	
		2	20.00	1.35	0.25 =	13.50 Cum	
	3rd Main Road	2	30.00	1.30	0.20 =	15.60 Cum	
		2	30.00	1.50	0.30 =	27.00 Cum	
		2	30.00	1.20	0.25 =	18.00 Cum	
		2	30.00	1.25	0.25 =	18.75 Cum	

Serial No.....

Name of work.....

Name of Contractor of nature of Agenc

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	3rd Main 1st Cross
	3rd Main 2nd Cross
	3rd Main 3rd Cross
	Cross Road 1
	Cross Road 2
	Cross Road

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.45	0.45 =	12.15 Cum	
0.45	0.30 =	4.05 Cum	
0.45	0.45 =	8.10 Cum	
0.45	0.35 =	9.45 Cum	
0.45	0.35 =	8.30 Cum	
1.20	0.25 =	18.00 Cum	CR 2
1.35	0.35 =	28.35 Cum	
1.25	0.20 =	15.00 Cum	
1.20	0.25 =	15.00 Cum	
1.35	0.35 =	28.35 Cum	
1.20	0.25 =	18.00 Cum	
1.25	0.30 =	22.50 Cum	
1.35	0.25 =	13.50 Cum	
1.30	0.20 =	15.60 Cum	
1.50	0.30 =	27.00 Cum	
1.20	0.25 =	18.00 Cum	
1.25	0.25 =	18.75 Cum	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 189882

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	3rd Main 1st Cross	2	10.00	1.35	0.35 =	9.45 Cum	
		2	30.00	1.30	0.25 =	19.50 Cum	
	3rd Main 2nd Cross	2	35.00	1.20	0.20 =	16.80 Cum	
		2	30.00	1.25	0.35 =	26.25 Cum	
		2	35.00	1.35	0.30 =	28.35 Cum	CR 2
	3rd Main 3rd Cross	2	30.00	1.20	0.30 =	21.60 Cum	
		2	35.00	1.35	0.30 =	28.35 Cum	
	Cross Road 1	2	30.00	1.25	0.35 =	26.25 Cum	
		2	15.00	1.35	0.30 =	12.15 Cum	
	Cross Road 2	2	20.00	1.30	0.25 =	13.00 Cum	
	Cross Road	2	30.00	1.25	0.20 =	15.00 Cum	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ವಿದ್ಯುಚ್ಛಕ್ತಿ ಉಪ ವಿಭಾಗ
ಬಲ್ಲಹಂಕ ವಲಯ,
ಬೆ. ಮೆ. ಸಾ., ಬೆಂಗಳೂರು-9

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	20.00	1.35	0.20 =	10.80 cum	
	UCRD Cutting portion						
	1st Main Road	1	30.00	1.20	0.20 =	7.20 cum	
	Hanuman Layout	1	30.00	1.20	0.20 =	7.20 cum	
		1	30.00	1.20	0.20 =	7.20 cum	
		1	25.00	1.20	0.20 =	6.00 cum	
	2nd Main Road	1	30.00	1.20	0.20 =	7.20 cum	
		1	30.00	1.20	0.20 =	7.20 cum	
		1	30.00	1.20	0.20 =	7.20 cum	
		1	30.00	1.20	0.20 =	7.20 cum	
		1	20.00	1.20	0.20 =	4.80 cum	
	3rd Main Road	1	30.00	1.20	0.20 =	7.20 cum	
		1	30.00	1.20	0.20 =	7.20 cum	
		1	30.00	1.20	0.20 =	7.20 cum	
		1	30.00	1.20	0.20 =	7.20 cum	
		1	10.00	1.20	0.20 =	2.40 cum	
	3rd Main 1st Cross	1	30.00	1.20	0.20 =	7.20 cum	
		1	35.00	1.20	0.20 =	8.40 cum	

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.

Date of commencement of work.....

Date	Full description, etc, of work	
1	2	
	3rd Main 2nd Cross	1
	3rd Main 3rd Cross	1
		1
	Cross Roads	1
		1
	Cross Roads	1
		1
	House connections	1
		15
		15
		15

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
1·35	0·20 =	10·80cum	
1·20	0·20 =	7·20cum	
1·20	0·20 =	7·20cum	
1·20	0·20 =	7·20cum	
1·20	0·20 =	6·00cum	
1·20	0·20 =	7·20cum	
1·20	0·20 =	7·20cum	
1·20	0·20 =	7·20cum	
1·20	0·20 =	4·80cum	
1·20	0·20 =	7·20cum	
1·20	0·20 =	7·20cum	
1·20	0·20 =	7·20cum	
1·20	0·20 =	7·20cum	
1·20	0·20 =	2·40cum	
1·20	0·20 =	7·20cum	
1·20	0·20 =	8·40cum	

C/F c

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11

189883

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3rd Main 2nd Cross	1	30·00	1·20	0·20 =	7·20cum	
		1	35·00	1·20	0·20 =	8·40cum	
	3rd Main 3rd Cross	1	30·00	1·20	0·20 =	7·20 cum	
		1	35·00	1·20	0·20 =	8·40 cum	
	Cross Roads	1	30·00	1·20	0·20 =	7·20 cum	
		1	15·00	1·20	0·20 =	3·60 cum	
	Cross Roads	1	20·00	1·20	0·20 =	4·80 cum	
		1	30·00	1·20	0·20 =	7·20cum	
	House connections	1	20·00	1·20	0·20 =	4·80cum	
		15	5·00	0·60	0·20 =	9·00cum	
		15	5·00	0·60	0·20 =	9·00cum	
		15	5·00	0·60	0·20 =	9·00cum	

C/F c

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		15	5.00	0.60	0.20 =	9.00Cum	
		8	5.00	0.60	0.20 =	4.80Cum	
		8	5.00	0.60	0.20 =	4.80Cum	
		8	5.00	0.60	0.20 =	4.80Cum	
		11	5.00	0.60	0.20 =	6.60Cum	
					Total =	915.48Cum	
		Qty limited to Tender			=	915.06Cum	
		@ RS 58.32				RS 53366.00	
	(2) Measurement continued on Removing B.S. Slab Specifications and	16/9/20 Drain and Stacking directions			etc complete as per engineer in charge	Sadhay AE	
		2	30.00		1.35 =	81.00Sqm	
		2	25.00		1.35 =	67.50Sqm	
		2	30.00		1.35 =	81.00Sqm	
		2	11.00		1.35 =	29.70Sqm	
		2	30.00		1.35 =	81.00Sqm	
		2	15.80		1.35 =	42.66Sqm	

Serial No.....

Name of work.....

Name of Contractor of nature of A

Date of commencement of work.

Date	Full description, etc, of wo
1	2

Depth 6	Contents 7	Reference to last Measurement 8
0.20 =	9.00 Cum	
0.20 =	4.80 Cum	
0.20 =	4.80 Cum	
0.20 =	4.80 Cum	
0.20 =	6.60 Cum	
Total =	915.48 Cum	
=	915.06 Cum	
	RS 53366.00	
	Sadhak AE	
	etc complete as per	
	1.35 =	81.00 Sqm
	1.35 =	67.50 Sqm
	1.35 =	81.00 Sqm
	1.35 =	29.70 Sqm
	1.35 =	81.00 Sqm
	1.35 =	44.60 Sqm

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 189884

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	35.00		1.35 =	94.50 Sqm	
		2	30.00		1.35 =	81.00 Sqm	
		2	16.00		1.35 =	43.20 Sqm	
		2	30.00		1.35 =	81.00 Sqm	
		2	12.00		1.35 =	32.40 Sqm	
		2	35.00		1.35 =	[illegible]	
		2	35.00		1.35 =	94.50 Sqm	
					Total =	903.96 Sqm	
		Qty limited to Tender			=	891.00 Sqm	
		@ RS 44.47				RS 39623.00	
						Sadhak AE 16/9/2013	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3) Measurement continued on 21/9/2013 Refixing Stone Slabs of drains and pointing in CM (1:3) etc complete as per specifications and directions of engineer in charge of the work						
	Qty vide Item 100-02					= 891.00 Sqm	
	@ Rs 63.00					Rs 56133.00	
	4) Measurement continued on 23/09/2013 Scarifying Stone metal crust 50 mm thick with Pick axes along with premix carpet (Surface dressing) and Stacking of old serviceable materials within a lead of 100 meters by manual means including cost of all labour charges etc						
	1st Main Road Hanuman layout	1	30.00	(5.2+5.0)/2		= 153.00 Sqm	
		1	30.00	(5.0+5.0)/2		= 151.50 Sqm	
		1	30.00	(5.10+4.90)/2		= 150.00 Sqm	

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	2nd Main Road
	3rd Main Road

BOOK

s		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
13 and pointing in CM (1:3) etc d directions of engineer			
02		= 891.00 Sqm	
			RB 56133.00
			21/9/2013
Truck with Pick and Stacking			
one a lead of 100 metres by all labour charges etc			
2+5.0)		= 153.00 Sqm	
.0+5.0) / 2		= 151.50 Sqm	
5.0+4.90)		= 150.00 Sqm	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 189885

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd Main Road	1	25.00 (4.9+5.0)/2			= 123.75 Sqm	
		1	30.00 (5.0+4.80)/2			= 147.00 Sqm	
		1	30.00 (4.8+4.90)/2			= 145.50 Sqm	
		1	30.00 (4.9+5.00)/2			= 148.50 Sqm	
		1	20.00 (5.0+5.10)/2			= 101.00 Sqm	
	3rd Main Road	1	30.00 (5.20+6.0)/2			= 183.00 Sqm	
		1	30.00 (6.0+5.90)/2			= 178.50 Sqm	

(If)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತ
ವಿದ್ಯುದ್ದೀಪ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ,
ಬೆ.ಮ.ನ.ಪಾ. ಬೆಂಗಳೂರು-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00 (5.9+6.0)/2		=	178.50 Sqm	
		1	30.00 (6.0+5.80)/2		=	177.00 Sqm	
		1	10.00 (5.8+5.90)/2		=	58.50 Sqm	
	3rd Main 1st Cross	1	30.00 (5.10+5.00)/2		=	151.50 Sqm	
		1	35.00 (5.0+5.2)/2		=	178.50 Sqm	(ಪು. 2)
	3rd Main 2nd Cross	1	30.00 (5.0+4.80)/2		=	147.00 Sqm	
		1	35.00 (4.8+5.0)/2		=	[illegible]	
	3rd Main 3rd Cross	1	30.00 (5.0+4.90)/2		=	171.00 Sqm	
		1	35.00 (4.8+5.0)/2		=		
	Cross Road1	1	30.00 (5.0+4.90)/2		=	148.50 Sqm	

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ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ತಾಲ್ಲೂಕು,
ಬಿ. ಬಿಎಸ್ ಸಿ. ಬೆಂಗಳೂರು-97.

Serial No.....

Name of work.....

Name of Contractor of nature of Agency

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Cross Road2
	Cross Road

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
(g+6.0)	=	178.50 Sqm	
2			
5.0+5.80)	=	177.00 Sqm	
2			
5.8+5.90)	=	58.50 Sqm	
2			
5.0+5.00)	=	151.50 Sqm	
2			
5.0+5.20)	=	178.50 Sqm	
2			
5.0+4.80)	=	147.00 Sqm	
2			
(4.8+5.0)	=	173.25 Sqm	
2			
(5.0+4.90)	=	171.00 Sqm	
2			
(4.8+5.0)	=	148.50 Sqm	
2			
(5.0+4.90)			
2			

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 189886

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	15.00	(4.9+4.90)/2		= 73.50 Sqm	
	Cross Roads	1	20.00	4.00		= 80.00 Sqm	
	Cross Road	1	30.00	(5.0+4.90)/2		= 148.50 Sqm	
		1	20.00	(4.9+4.90)/2		= 98.00 Sqm	
						Total = 3413.00 Sqm	
		Qty limited to Tender				= 3397.50 Sqm	
		@ Rs 35.91				Rs 122004.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	brushes and finally dusting with old gunny bags and/ or compressed air to relieve bituminous treatment Including cost of all materials.						
	Qty vide Item no-9					= 3387.50 Sqm	
	@ Rs 9.29					Rs	31563.00
7)	providing and applying primer coat with bitumen emulsion on prepared surface of granular bed including cleaning of road surface and spraying primer at the rate of 0.8kg/sqm using mechanical means etc complete as per specifications						
	Qty vide Item no-06					= 3387.50 Sqm	
	@ Rs 39.64					Rs	134277.00

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು/Sadhana AE
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ

Serial No.....

Name of work.....

Name of Contractor of nature of Agency

Date of commencement of work.....

Date	Full description, etc, of work
1	2
8)	providing and laying thick with 100-120 output of 75 tons specified grading of mix and filler, with a hydraulic required grade, level wheeled, vibratory a compaction

REMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
...ying with old gunny bags and/ ...ieve bituminous treatment including				
Item No-9			= 3387.50 Sqm	
9.29				Rs 31563.00
...mes coat with bitumen emulsion ... granular ball including cleaning ...aying primer at the rate of 0.8kg/sq ...t complete as per specification				
Item No-06			= 3397.50 Sqm	
39.64				Rs 134677.00

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M.A.R. 57 (Rule 116)

Measurement Book No. A/11

189890

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8)	providing and laying Semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st Main Road	1	30.00	$\frac{(5.2+5.0)}{2}$	0.025	= 3.83 Cum	
	Hanuman Layout	1	30.00	$\frac{(5.0+5.10)}{2}$	0.025	= 3.79 Cum	
		1	30.00	$\frac{(5.10+4.90)}{2}$	0.025	= 3.75 Cum	
		1	25.00	$\frac{(4.9+5.10)}{2}$	0.025	= 3.09 Cum	
	2nd Main Road	1	30.00	$\frac{(5.0+4.80)}{2}$	0.025	= 3.68 Cum	
		1	30.00	$\frac{(4.8+4.90)}{2}$	0.025	= 3.64 Cum	
		1	30.00	$\frac{(4.9+5.10)}{2}$		ಶಕ್ತಿಯುಕ್ತ ಕನ್ನಡ ಮಾಧ್ಯಮ ಪ್ರಾಥಮಿಕ ಶಾಲೆಯ ಶಿಕ್ಷಕರು ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ. ಚಿಲಕನಹಟ್ಟಿ ಕಚೇರಿ. ಬೆ. ಮ. ಪಾ. ಬೆಂಗಳೂರು-97.	
		1	20.00	$\frac{(5.0+5.10)}{2}$	0.025		
	3rd Main Road	1	30.00	$\frac{(6.2+6.0)}{2}$	0.025	= 4.58 Cum	
		1	30.00	$\frac{(6.0+5.90)}{2}$	0.025	= 4.46 Cum	
		1	30.00	$\frac{(5.9+6.0)}{2}$	0.028	= 4.46 Cum	

Serial No.....

Name of work.....

Name of Contractor of nature of Ag

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	3rd Main 1st Cross
	3rd Main 2nd Cross
	3rd Main 3rd Cross

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
00	$\frac{(5.2+5.0)}{2}$	0.025	= 3.83 cum	
00	$\frac{(5.0+5.10)}{2}$	0.025	= 3.79 cum	
00	$\frac{(5.10+4.90)}{2}$	0.025	= 3.75 cum	
00	$\frac{(4.9+5.10)}{2}$	0.025	= 3.69 cum	
00	$\frac{(5.0+4.80)}{2}$	0.025	= 3.68 cum	
00	$\frac{(4.8+4.90)}{2}$	0.025	= 3.64 cum	
00	$\frac{(4.9+5.10)}{2}$	0.025	= 3.69 cum	
00	$\frac{(5.0+5.10)}{2}$	0.025	= 3.79 cum	
00	$\frac{(6.2+6.0)}{2}$	0.025	= 4.58 cum	
00	$\frac{(6.0+5.90)}{2}$	0.025	= 4.46 cum	
00	$\frac{(5.9+6.0)}{2}$	0.025	= 4.46 cum	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 189891

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3rd Main 7St Cross	1	30.00	$\frac{(6.0+5.80)}{2}$	0.025 =	4.43 cum	
		1	10.00	$\frac{(5.8+5.90)}{2}$	0.025 =	1.46 cum	
		1	30.00	$\frac{(5.10+5.0)}{2}$	0.025 =	3.79 cum	
		1	35.00	$\frac{(5.0+5.20)}{2}$	0.025 =	4.46 cum	
	3rd Main 2nd cross	1	30.00	$\frac{(5.0+4.80)}{2}$	0.025 =	3.68 cum	
		1	35.00	$\frac{(4.8+5.10)}{2}$	0.025 =	4.43 cum	
	3rd Main 3rd cross	1	30.00	$\frac{(5.0+4.80)}{2}$	0.025 =	3.68 cum	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ.
ಯಲಹಂಕ ವಲಯ.
ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	35.00	$\frac{(4.8+5.0)}{2}$	0.025	= 4.29 Cum	
	Cross Road1	1	30.00	$\frac{(5.00+4.90)}{2}$	0.025	= 3.71 Cum	
		1	15.00	$\frac{(4.9+4.90)}{2}$	0.025	= 1.84 Cum	
	Cross Road2	1	20.00	4.00	0.025	= 2.00 Cum	
	Cross Road	1	30.00	$\frac{(5.00+4.90)}{2}$	0.025	= 3.71 Cum	
		1	20.00	$\frac{(4.9+4.90)}{2}$	0.025	= 2.45 Cum	
						Total = 85.33 Cum	
	Qty limited to Tender					= 84.94 Cum	
		1	882.00			RS	749336.00

(C&E)

3/12/2013

Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.
Bangalore - 560 092

C&E

Sadhar

Serial No.....

Name of work.....

Name of Contractor of nature of Agency

Date of commencement of work.....

Date	Full description, etc, of work
1	2
9)	Lead for Disposal rate by Mechanical etc Qty
10)	Add 11+ for K.R.

IT BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
(4.8+5.0)/2	0.025	= 4.29 Cum	
(5.00+4.90)/2	0.025	= 3.71 Cum	
(4.9+4.90)/2	0.025	= 1.84 Cum	
4.00	0.025	= 2.00 Cum	
(5.00+4.90)/2	0.025	= 3.71 Cum	
(4.9+4.90)/2	0.025	= 2.14 Cum	
	Total	= 85.33 Cum	
to tenderer		= 84.94 Cum	
.00		RS 749935.00	

Badhav
AE

M.A.R. 57 (Rule 116)

Measurement Book No. A/11

189892

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
9)	Lead for Disposal of Debris shall be Payable at carriage rates by Mechanical means Including loading and unloading etc						
	Qty vide Item No-01 @ RS 77.71					= 965.06 Cum	RS 66534.00
					Sub Total	RS	1999296.00
10)	Add I/t for K.R.I.D.L charges					RS	219922.56
							2219,210=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Total qty 22/9218.3	
						Jadhav AE 31/10/2013	
					C&F-C Item 31/10/13		
	Certificate;- Certified that the above work is done satisfactory and no-materials issued from Department ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ, ಯಲಹಂಕ ವಲಯ, ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97.						
	Jadhav AE 31/10/2013						
					Item 31/10/13		
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ, ಯಲಹಂಕ ವಲಯ, ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97.						

Serial No.....

Name of work.....

Name of Contractor of nature of A

Date of commencement of work...

Date	Full description, etc, of work
1	2
	Sketch Showi
	Index
	→ Asphalt Road
	Jadhav AE 31/10/2013

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2219210=00			IT — 44384 —			
		353645=00		ICST — 88768 —			
				Fsp — 144249 —			
	1865565=00			Cess — 22192 —			
				Cesp — 2219 —			
				Roy — 48833 —			
				Fine — 3000			
				Total — 353645=00			
				21/4/15			

Serial No.....

Name of work.....

Name of Contractor of nature of

Date of commencement of work.

Date	Full description, etc, of wor
1	2